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What is claimed is:

1. A video signal reserved video recording apparatus, comprising:
a communication means for connecting to a communication network to
thereby transmit and receive data
a video signal storage means which is connected with the communication
means for thereby memorizing a video signal;
a conversion means which is connected with the video signal storage
means for thereby scanning the output of the video signal storage means and
converting the same to a RGB signal;
a memory means for storing the broadcast reservation information about an
user-selected program from the video signal storage means; and
a control means for controlling the above-described means.
- 15 2. The video signal reserved video recording apparatus of claim 1,
wherein the broadcast reservation information is the date, time, and channel
number of a certain program.
- 20 3. A video signal reserved video recording apparatus, comprising:
a communication means for connecting to a communication network to
thereby transmit and receive data
a video signal storage means which is connected with the communication
means for thereby memorizing a video signal;
a conversion means which is connected with the video signal storage
means for thereby scanning the output of the video signal storage means and

converting the same to a RGB signal;

a memory means for storing the broadcast reservation information about an user-selected program from the video signal storage means;

a control means for controlling the above-described means; and

5 a broadcast signal conversion means for converting the output of the conversion means to a certain particular broadcast signal.

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4. The video signal reserved video recording apparatus of claim 3, wherein the broadcast signal conversion means is a NTSC encoder.

10 5. A video signal reserved video recording apparatus, comprising:

a communication means for connecting to a communication network to thereby transmit and receive data

15 a video signal storage means which is connected with the communication means for thereby memorizing a video signal;

a memory conversion means which is connected with the video signal storage means for thereby scanning the output of the video signal storage means and converting the same to a RGB signal;

20 a control means for controlling the above-described means;

a broadcast signal conversion means for converting the output of the conversion means to a certain particular broadcast signal; and

25 a TV unit for displaying the output of the broadcast signal conversion means on the TV screen.

6. A video signal reserved video recording apparatus, comprising:

a communication means for connecting to a communication network to thereby transmit and receive data

a video signal storage means which is connected with the communication means for thereby memorizing a video signal;

a conversion means which is connected with the video signal storage means for thereby scanning the output of the video signal storage means and converting the same to a RGB signal;

a control means for controlling the above-described means; and

10 a recorder for recording the video signal in accordance with the control of the control means.

7. A video signal reserved video recording set-up method,
comprising:

15 a first step of reading an address of a representative site from a memory;

a second step of connecting to an internet site through a modem, checking if the connection is finished, and downloading a program data of each channel;

a third step of checking if the downloading is finished and displaying the reserved video recording mode by a reserved video recording key input by an user.

20 a fourth step of determining whether there is a key input of the corresponding channel number, reading the program data of the corresponding channel from the memory, and displaying the same in a time sequential order; and

a fifth step of determining whether there is an user-selected program and setting the corresponding program as a reserved video recording information.

25 8. A video signal reserved video recording set-up method,

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comprising:

a first step of selecting a desired broadcasting station site among the internet sites of broadcasting stations set for the set;

a second step of displaying an internet site connecting screen and confirming the connected screen;

a third step of selecting a program to be reservedly video recorded from the site displayed on the screen;

10 a fourth step of reading required data such as the broadcasting station, broadcast starting time, and broadcast finishing time from the user-selected program;

a fifth step of automatically storing the data read in the fourth step in a reserved video recording memory location and displaying the state of the reserved video recording on the screen;

15 a sixth step of determining whether there is a key input for checking if a reserved video recording is finished and finishing the reserved video recording set-up.

9. A reserved video recording execution method, comprising:

20 a first step of cheking whether data is modified from the site which has the broadcast programs reserved for the memory of the set;

a second step of comparing the program data reserved for the memory of the set with the data inputted from the site of the broadcasting station;

a third step of updating the program data if both data are not coincident in the second step;

25 a fourth step of determining if it is time to start a reserved video recording

and executing a reserved video recording program if both data are coincident in
the second step; and

a fifth step of determining if it is time to finish the reserved video recording
and finishing the reserved video recording if it is time to finish the reserved video
recording.

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